



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:)	<u>CERTIFICATE OF EXPRESS MAIL</u>
)	I hereby certify that this correspondence is
DAVID J. BEEBE ET AL.)	being deposited with the United States
)	Postal Service in "Express Mail Post Office
Serial No.: 10/045,937)	to Addressee" on the date indicated below
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Filed: October 19, 2001)	RCE, Commissioner for Patents, P.O. Box
)	1450, Alexandria, VA 22313-1450 on
Examiner: Lyle Alexander)	the 27 th day of April, 2005.
)	Express Mail Label is EV506062903US.
Art Unit: 1743)	<u>Christine Kierzek</u>
)	
METHOD AND APPARATUS FOR)	<u>Christine Kierzek</u> 4/27/05
MONITORING THE ENVIRONMENT)	Signature Date
WITHIN A MICROFLUIDIC DEVICE)	

RESPONSE TO OFFICE ACTION

Sir:

In response to the Office Action dated January 27, 2005 and the Advisory Action dated April 12, 2005, please amend the above-identified application as follows:

- **Amendments to the Claims** is reflected on page 2 of this paper.
- **Remarks** begin on page 8 of this paper.